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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/765,393-Conf. #2523 Filing Date **TRANSMITTAL** January 28, 2004 First Named Inventor **FORM** Kristy A. Campbell Art Unit 2812 (to be used for all correspondence after initial filing) **Examiner Name** C. Lee Attorney Docket Number M4065.0644/P644 Total Number of Pages in This Submission ENCLOSURES (Check all that apply) After Allowance Communication Drawing(s) Fee Transmittal Form to TC Appeal Communication to Board of Licensing-related Papers Fee Attached Appeals and Interferences Appeal Communication to TC x | Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information x After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer **Extension of Time Request** Identify below): Return Receipt Postcard Request for Refund **Express Abandonment Request** Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name DICKSTEIN SHAPIROMORIN & OSHINSKY LLP Signature Printed name

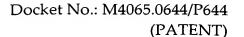
Reg. No.

28,371

Date

Thomas J. D'Amico

June 30, 2006





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kristy A. Campbell

Application No.: 10/765,393

Filed: January 28, 2004 Art Unit: 2812

For: RESISTANCE VARIABLE MEMORY

ELEMENTS BASED ON POLARIZED

SILVER-SELENIDE NETWORK GROWTH

Examiner: C. Lee

Confirmation No.: 2523

AMENDMENT AFTER FINAL ACTION UNDER 37 C.F.R. 1.116

MS AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated March 31, 2006, finally rejecting claims 61-82, 84-89, 91-109, 111-119 and 144-148, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 10 of this paper.